

Title (en)

Recording sheet for ink jet printing

Title (de)

Aufzeichnungsmaterial für den Tintenstrahldruck

Title (fr)

Feuille d'enregistrement pour l'impression par jet d'encre

Publication

EP 1437228 B1 20050330 (DE)

Application

EP 03405007 A 20030110

Priority

EP 03405007 A 20030110

Abstract (en)

[origin: EP1437228A1] In a recording material for ink-jet printing, comprising, on a carrier, at least one dye-reception layer (A) consisting of a binder and at least one nanocrystalline, nanoporous aluminum oxide or oxide/hydroxide (B), the new feature is that (B) has been reacted with aluminum chlorohydrate (I). An Independent claim is also included for a pigment-containing coating mass (C) for preparation of (A).

IPC 1-7

B41M 5/00

IPC 8 full level

B41J 2/01 (2006.01); **B41M 5/00** (2006.01); **B41M 5/50** (2006.01); **B41M 5/52** (2006.01)

CPC (source: EP US)

B41M 5/5218 (2013.01 - EP US); **B41M 5/508** (2013.01 - EP US); **B41M 5/5227** (2013.01 - EP US)

Cited by

DE102004034651B4; DE102004034651A1; US8053043B2; US7927675B2; US7727931B2; US7989384B2; US8314048B2; US8618020B2; US8664148B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

EP 1437228 A1 20040714; **EP 1437228 B1 20050330**; AT E292021 T1 20050415; DE 50300413 D1 20050504; JP 2004338368 A 20041202; JP 4279691 B2 20090617; US 2004146665 A1 20040729; US 2007092667 A1 20070426; US 7883753 B2 20110208

DOCDB simple family (application)

EP 03405007 A 20030110; AT 03405007 T 20030110; DE 50300413 T 20030110; JP 2004003767 A 20040109; US 63742806 A 20061211; US 75435604 A 20040109